

can suppose that looking at the idea can in any way interfere with the transfer of electricity or any other power from the hand to the board under it or to the table. If the hand tends to move, it may do so, the index does not move; if the hand moves, the index does not move, there is reason why it should not. It was indicated by any power to move together they may do so, as they did indeed when the hands were moved in the mind and muscles left unchecked and uncheckable.

I must bring this long description to a close. I am a layman of it, for I think, in the present age, and in this part of the world, it ought not to have been required. Nevertheless, I hope it may be useful. There are many whom I do not expect to convince; but I may be allowed to say that I cannot undertake to answer such objections as may be made. I state my own convictions as an experimental philosopher, and find it no difficulty to get into controversy on this subject in any other instance, as the nature of the idea, or inertia, or the magnetism of light, on which I may differ from others. The world will decide sooner or later in all such cases, and I have no doubt very soon and correctly in the present instance. Those who may wish to see the particular construction of the test apparatus which I have employed, may have the opportunity of Mr. Newman's No. 12 Regent's Street. Further, I may say I have sought earnestly for ease of lifting by attraction, and indications of attraction in any form, but have gained no traces of such effects. Finally, I beg to direct attention to the discourse delivered by Dr. Jevons at the Royal Institution on the 1st of June, last, entitled, "On the influence of suggestion in modifying and directing Muscular Movement, independently of Volition," which especially in the latter part, should be referred to, to table moving by all who are interested in the subject.

M. P. F. A.

Regal Institution, June 27.

Dublin Exhibition.

(Concluded.)

SUBSTANCES USED AS FOOD.—The Irish have peculiar nobons of what constitutes "food," for under this head they exhibit Whisky, Milk Punch, "Irish blacking," Rose Oil, Hair Powder, Marmoset and Prunella, and a digestible substitute for Porridge. The Biscuit and Pork Bar, Oatmeal prepared Grouts and Flour, V. Taveliere, of London, sends his Soothed Milk, and a manufacturer in Paisley, shows edible Farina made from dried potatoes. Mr. Andrews, Consul of Brazil at Dublin, has a case containing Coffee, Cacao, Sugar and Spice, and other Brazilian products. W. Hirsch, Mountain Elk, Queen County, puts on view specimens illustrative of the Irish manufacture of leather, leather goods, and Tobacco, and of the manufacture of their famed Sausages and Tobacco.

CHIMNEYS AND PHARMACEUTICS.—Here we have a collection of doctors stuff that need not be gone into in detail. The Dublin Chemical Society have medicinal preparations of iron, zinc, lead and copper, all from Irish ores, and iodine from seaweed of Dublin Bay. J. Hill, Dublin, has table-salt manufactured from the rock salt of Caron, Carrickfergus mines. J. H. Smith, Edinburgh, has a new instrument of some great value for comparing the relative specific gravities of different liquids at the same density and temperature of the atmosphere; it is named "Sir James Murray's Differential Hydrometer." Wood & Bedford, Leeds, England, send an interesting collection of houses used in dyeing, and R. E. Donovan, Dublin, presents a collection of Irish leathers, classified by the late Dr. Taylor, of Dunkerron, County Kerry. An apartment containing upwards of two hundred and fifty specimens of various woods, and might be called an art gallery.

MUSICAL INSTRUMENTS.—On both musical and horological "instruments" there is sufficient variety. Music is represented by one great organ, containing 2,922 pipes, built by Teitford & Telord, Dublin, for the College of St. Peter, Oxford. This immense instrument occupies the gallery at the west end of the central aisle, and is faced by a organ built by Bevington & Son, London, weighing 1,000 lbs. Dublin, T. H. Davis, and M. Murphy, of Dublin, have exhibited their organs. Messrs. Marcus, of Dublin, have a collection of valuable piano-fortes and harps by Broadwood, Collard & Collard, and Kawai. J. Bay, Dublin, and numerous other local manufacturers have musical instruments, among them Mrs. D. P. White, of Westford, has a new one of his own invention, called the "Royal Patent Victoria-Harps Lyre." In the department of Horology, we have, of course, a display of gold and silver watches, clocks and time pieces, but among the articles, except from G. C. Gray's, an "artificial orrery" or a portable clock for ascertaining correct time by equal parts of the sun; D. Spear, Dublin, a magnetic orrery; G. Dobson, Dublin, clocks with mercurial pendulums (atmospheric) and with sunken pensional pendulum. In "philosophical" instruments there are some ingenious machines; J. P. Baxter, Dublin, invents a stereoscope containing a fluid to resest its acoustic power; M. Donovan, Dublin, has a table gas-lamp generally set by machinery within (decomposed) glass; and probably J. W. McNaught, Glasgow, an instrument for measuring the viscosity of oils in machinery. R. M. Dunn, Westford, an indicator for measuring ams. B. Scott, Limerick, Dublin, a mode of moving electro-magnetic machinery by compound levers and levers of Le Garneau; Thos. Grubb, Dublin, improved equatorial instrument; Chance, Bros., Birmingham, fixed dioptric lighthouse, with Fresnel's zones; J. Robinson, Dublin, various philosophical instruments; and a graphiograph, a portable electrical instrument at work, in conjunction with the office of Smith & Sons, newspaper dealers, Eden Quay, Dublin. J. E. Mayall, London (an American), exhibits daguerreotypes as do several local artists, but their works are far inferior to the average of portraits to be had for \$1. frame included, in New York. The British artist, hazy, paints all his sitters as "sons of the mist."

MACHINERY IN MOTION.—England and Scotland contribute most of the spinning and weaving machines here for play. The machinery for silk spinning, and the looms for the manufacture of velvets and damasks, are the property of British manufacturers. The machinery in motion down to the mass containing anything very new, if we except a jacquard (stein) machine, which manufactures ten ribbons at once, and all of different patterns. This machine is owned by Messrs. Todd, Burns & Co., Dublin, and was built by Sharp, Odell & Roy, Coventry.

NAVAL APPARATUS.—This department is very deficient. The Commissioners of Revenue have sent for experiments on ships of war, and a ship commanding with the Great Duke Henry VIII's name, the Royal George, that sank at Spithead; and a number of more modern vessels. There are numerous steamship models, but none of much remark. Numerous life-boats and accompanying apparatus. W. Cooper, Kingston, exhibits a model of the American pilot boat Moses H. Grinnell and Mary Taylor; and the Duke of Manchester, model of a yacht America, as well as of a famous Baltimore clipper. A great many small steamers and boats are exhibited in the gallery along side of the naval models.

CIVIL ENGINEERING AND ARCHITECTURAL DESIGNS.—Besides a variety of mfr. artifices, there are models of the Castle of Dundee, of Third Church, Chapel of Otago, Buildings upon the Rock of Cashel, Giant's Causeway and Headlands, Model of the Royal Observatory, the Royal Palace's design for a monument to the memory of O'Connell is here and also a design for a monument to Tom Moore, the principal feature of which is its topographical character. A sufficient variety of equipages, mostly of Irish build, remind me one of the cockpit:

"All those who have my ride inches,
With which to make a carriage."

We omit the Hibernian ones. After all, the very best form of carriage for free and easy travelling is that of a vehicle without being snuffed are great. It is worth noticing that these jaunting cars answer in Dublin the double purpose of cab and omnibus, and the fare is but four pence a mile.

MACHINES FOR DIRECT USE.—Shoe-baths, plumb-work, steam-puddles, ship's fire engines, red eye machinery, boiler plates, and four steam engines complete. In this department is on view a patent hydrostat for preventing steam-boiler explosions, invented by T. J. Shaw, No. 2 St. George's Road, London, and cast by Sloan & Leggett, Empire Iron Works, New York.

MISCELLANEOUS.—We need not particularize the variety of articles in hardware, furs, leather, saddlery, harness, printing, bookbinding, paper, stationery, cutlery, glass, china, porcelain, earthenware, furniture, upholstery, paper making, jeweler, glass, and metal work, and every work of art, though much abroad, is here and there represented.

Mr. F. D. Parker, has exhibited his labor in the manufacture of silver-sheets and fine services of 72 pieces made out of a single U. S. dime! Silver plate makes a large display in the Central Hall. Furniture and upholtry are represented by many articles of luxurious furnishing, worthy the attention, as advertisements say, of persons about to marry. Many of these articles of furniture manifest a beauty of design and skill of execution deserving a special notice if our space would permit. China, glasses and earthenware have a place in one of the galleries, and comprise tea-caddies both for tea and coffee, and coffee-pot, sugar-bowl, etc., and other little knick-knacks.

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The Emperor seems to be decided opinion respecting the Eastern-chair. The contradictory rumour that he had induced a public house, in which a meeting had lately been held, which was considered as having something of a political character, and by another decree orders a personal political prisoner, named Palas, who had been under surveillance by the Government, but that he was released, but that the measure adopted against Palas was in consequence of his having been a member of the secret society of the Knights of Columbus, and that he was released by a natural cause. The House went into Committee on the bill reducing the duty on newspapers.

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